

# The Rural District Council of Llantrisant & Llantwit Fardre.

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A N N U A L   R E P O R T

of the

M E D I C A L   O F F I C E R   O F   H E A L T H

for the year ending

31st D E C E M B E R, 1 9 6 5

Council Offices,  
Danygraig,  
Llantrisant, Glam.





ANNUAL REPORT  
of the  
MEDICAL OFFICER OF HEALTH  
for the year ending  
31st DECEMBER, 1965

Council Offices,  
Danygraig,  
Llantrisant, Glam.



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Item	Page
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# ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

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YEAR ENDING 31st DECEMBER, 1965

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Chairman of the Council: Councillor J.A. Copeland, J.P.  
 Vice Chairman: Councillor G. Phillips.

## MEMBERS OF THE COUNCIL

Town Ward: Councillors J.D. Timothy, D.J. Harrison, H.H. Ashcroft,  
 R.K. Carter, D.L.L. Morgan, and G. Phillips.

Tonyrefail Ward: Councillors J.A. Copeland, J.P., R. Cox, T.W. Roderick,  
 H.L. Thomas, K. Pontin, and L.L. Carter, J.P.

Gilfach Goch Ward: Councillors D.G. Bonner, D. Rees, and Dr. W. Moody-Jones.

Llantwit Fardre : Councillors Mr. C.J. Stranger, J.W. Clayton and I. Hughes.  
Parish :

## S T A F F

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### Medical Officer of Health:

EILEEN G. WATKINS: M.B., B.Ch., B.A.O., D.F.H., L.M. (ROT.)

### Public Health Inspectors:

J. GRAHAM C. SHORT: C.S.I.B., M.S.I.A., Sanitary Inspectors' Certificate  
 (Senior) of the R.S.I. and S.I.L. Joint Board; Meat and Other  
 Foods Inspectors Certificate of the R.S.I.;  
 Diploma in Hygiene of the Royal Institute of  
 Public Health and Hygiene (Sir Malcolm Morris  
 prizewinner); Inter.B.Sc. (Wales); Final Zoology (Wales)

C. REGINALD PARFITT E.D. (Mil.); F.F.H.I.A., F.R.S.H.; C.S.I.B.; Sanitary  
 Inspectors' Certificate of R.S.I. and Sanitary  
 Inspectors' Examination Joint Board; Meat and  
 other Food Inspectors' Certificate of R.S.I.;  
 Testamure of University of Wales and Cardiff  
 Technical College; Diploma in Elect. Engineering.

S. MASON C.S.I.B.; M.S.I.A.; Meat and Foods Certificate of R.S.I.;  
 Joint Testamure of University of Wales and Cardiff  
 Technical College; Inter City and Guilds Certificate  
 in Boilerhouse Practice.

Clerical: MRS. J. McNEILLY.





P R E F A C E

Mr. Chairman, Madam and Gentlemen,

I have the honour to present the Annual Report of the Public Health of the district for the year 1965.

Urbanisation of this rural area continues and the number of houses privately owned and council owned continues to increase apace.

Your Meals on Wheels Service, made possible through the co-operation of the Womens Voluntary Service operating in liaison with the National Coal Board and the Mayfair Cafe, has now been in operation for a year and 10,500 meals have been served to the Senior Citizens of the area.

The problems of sewage disposal for the whole area has been given careful thought and it has been agreed in principle to embark on the erection of a new sewage disposal works to serve the area.

I should like to thank the Chairman of the Public Health Committee and Members of the Council for their encouragement and support the Council's Officials for their friendly co-operation and the Staff of the Health Department for their help and loyalty during the year.

I am,

Mr. Chairman, Madam and Gentlemen,  
Your obedient Servant,

EILEEN G. WATKINS.

Medical Officer of Health.

Public Health Department,  
Danygraig,  
Llantrisant.



GENERAL STATISTICS

Area of District	18,433 acres
Population: Est. Mid year, 1965	28,650
Census 1961	27,109.
Number of Private dwellings:	
Est. 1965	9,169
Census 1961	7,631
Number of Private Households:	
Est. 1965	9,276
Census 1961	7,811
Rateable Value of District:	
March, 1965	£983,281
Sum Produced by Penny Rate:	
March, 1965	£4,072

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1. VITAL STATISTICS

LIVE BIRTHS:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	291	272	563
Illegitimate	18	14	32
	<u>309</u>	<u>286</u>	<u>595</u>

Live Birth Rate per 1,000 population:

<u>Crude</u>	<u>Adjusted</u>	<u>England and Wales</u>
20.77	19.73	18.0

Comparability Factor - 0.95

Illegitimate Live Births

<u>Males</u>	<u>Females</u>	<u>Total</u>
18	14	32

Percentage of total live births: 5.37% : England and Wales - 7.7%

STILLBIRTHS

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	6	7	13
Illegitimate	-	-	-
	<u>6</u>	<u>7</u>	<u>13</u>

Stillbirth rate per 1,000 total live and stillbirths: 21.38  
England and Wales: 15.70

TOTAL LIVE AND STILLBIRTHS: 608

INFANT DEATHSDeaths under 1 year:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	5	5	10
Illegitimate	-	-	-
	<u>5</u>	<u>5</u>	<u>10</u>

Infant Mortality:

Rate per 1,000 total live births:	16.81
Total Infant Deaths per 1,000 total live births, England and Wales:	<u>18.2</u>

Neo-natal Mortality Rate:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	4	3	7
Illegitimate	-	-	-
	<u>4</u>	<u>3</u>	<u>7</u>

Deaths under 4 weeks per 1,000 total live births:	11.76
England and Wales:	13.7

Early Neo-natal Mortality Rate:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	3	2	5
Illegitimate	-	-	-
	<u>3</u>	<u>2</u>	<u>5</u>

Fetal Mortality Rate: Total: 19

Stillbirths and deaths under 1 week combined	12.00
Rate per 1,000 total live and stillbirths:	29.61
England and Wales:	27.4

5.

NATURAL MORTALITY (including abortion)

There were no deaths under the heading pregnancy, childbirth or abortion.

2. HOME BIRTHS, PREMATURE INFANTS, ETC.

The following information has kindly been furnished by the Divisional Medical Officer of Health :-

There were 42 premature births notified during the year (i.e. birth weight of 5'-lbs or under), of which 6 were stillbirths. THIS compares with 42 births for 1964.

No. of live births at home:	181
No. of stillbirths at home:	3
No. of live births born in hospitals outside the area:	130
No. of stillbirths born in hospitals outside the area:	2
Therefore No. born in hospitals within the area:	284
No. of stillbirths in hospital within the area.	8

3. DEATHS

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Total Deaths:	145	126	271

The adjusted death rate per 1,000 population was 12.11 against 13.91 for 1964.

The crude death rate is 9.46 (comparability factor 1.28)

Tuberculosis Death Rate:

There were no deaths from this disease compared with 3 for 1964.

Other Respiratory Diseases Death Rate:

The number of deaths from Bronchitis, Pneumonia and other Respiratory diseases was 35 for 1965 against 42 for the previous year making a rate in relation to total deaths of 129.15 per 1,000 deaths against 142.57 for the previous year.

Cancer.

Deaths from Cancer were 58 as compared with 43 for the previous year. The organs affected according to classification by the Registrar General were:-

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Stomach	4	4	8
Lungs, Bronchus	14	1	15
Breast	-	7	7
Uterus	-	2	2
All other sites	14	12	26
	<u>32</u>	<u>26</u>	<u>58</u>

Rate in relation to total deaths is 214.02 per 1,000 deaths in 1965 against 145.76 for the previous year.

Leukaemia, Apleukaemia:

There were 2 deaths under this classification for 1965, compared with 5 for 1964, being 7.38 per 1,000 total deaths.

Infant Mortality Classification:

	Total under 1 week	Weeks 1-2-3-4	Total 1-4 weeks	Months 1-3-6-9-12.	Total 1-12 months	Total all deaths under 1 year.
Bronchopneumonia				1	1	1
Pneumococcal Menigitis				1	1	1
Gastro Enteritis				1	1	1
Convulsions		1	1			1
Intra Peritoneal Haemorrhage		1	1			1
Prematurity	1					1
Idiopathic Respiratory distress syndrome	1					1
Neonatal Septicaemia	1					1
Hydrocephalus	2					2
	5		2		3	10



GLAMORGAN (ADMINISTRATIVE COUNTY)- VITAL STATISTICS, 1965

		Estimated Pop- ulation 1965	BIRTHS		DEATHS			INFANT MORTALITY		PERI-NATAL MORTALITY		
			Number of Births	Rate per 1,000 population		Number of Deaths	Rate per 1,000 population		Deaths under one year	Rate per 1,000 live births	Still births & deaths under one week	Rate per 1,000 live & still births
				Crude	Adjusted		Crude	Adjusted				
England and Wales												
Administrative County		761,260	13,178	17.31	17.66	9,152	12.02	13.58	274	20.79	402	29.94
Urban Districts		526,490	9,072	17.23	17.75	6,540	12.42	14.16	203	22.38	295	31.89
Rural Districts		234,770	4,106	17.49	17.66	2,612	11.13	12.24	71	17.29	107	25.63
Health Division	Constituent Districts											
Aberdare and	Aberdare Urban	38,900	663	17.04	18.57	597	15.35	15.50	19	28.66	21	31.25
Mountain Ash	Mountain Ash Urban	29,380	486	16.54	16.54	370	12.59	14.98	15	30.86	12	24.34
Caerphilly and	Caerphilly Urban	37,190	768	20.65	20.24	415	11.16	14.06	15	19.53	29	36.66
Gelligaer	Gelligaer Urban	35,070	690	19.67	19.67	416	11.86	15.30	14	20.29	21	29.37
Mid-Glamorgan	Bridgend Urban	15,170	235	15.49	15.95	181	11.93	13.00	6	25.53	6	25.10
	Maesteg Urban	21,510	371	17.25	17.94	258	11.99	14.27	5	13.48	11	29.02
	Ogmore and Garw Urban	20,800	337	16.20	16.69	248	11.92	14.66	10	29.67	11	32.26
	Porthcawl Urban	12,210	221	18.10	20.27	142	11.63	10.12	3	13.57	6	26.79
	Penybont Rural	45,480	946	20.80	19.97	543	11.94	12.18	19	20.08	22	22.92
Neath and	Neath M.B.	30,400	456	15.00	15.60	383	12.60	13.61	13	28.51	13	28.14
District	Neath Rural	40,870	674	16.49	17.15	485	11.87	14.36	15	22.26	24	34.88
Pontypridd and	Llantrisant Rural	28,650	595	20.77	19.73	271	9.46	12.11	10	16.81	18	29.61
Llantrisant	Pontypridd Urban	35,170	588	16.73	17.05	451	12.82	12.69	9	15.31	19	31.67
Port Talbot and	Glyncorrgw Urban	9,510	201	21.14	20.51	112	11.78	17.32	9	44.78	13	61.90
Glyncorrgw	Port Talbot M.B.	51,810	892	17.22	17.05	525	10.13	13.78	20	22.42	26	28.70
South East	Barry M.B.	42,520	762	17.92	18.46	467	10.98	11.97	12	15.75	22	28.35
Glamorgan	Cardiff Rural	53,420	816	15.28	14.82	592	11.08	10.75	11	13.48	17	20.61
	Cowbridge M.B.	1,120	18	16.07	16.23	7	6.25	5.94	-	-	-	-
	Cowbridge Rural	21,580	405	18.77	20.08	160	7.41	12.15	5	12.35	5	12.25
	Penarth Urban	21,750	382	17.56	18.96	271	12.46	11.71	6	15.71	12	30.69
West Glamorgan	Gower Rural	14,500	253	17.45	18.85	158	10.90	10.79	5	19.76	7	27.24
	Llwchwr Urban	25,450	411	16.15	17.28	314	12.34	13.33	8	19.46	13	31.03
	Pontardawe Rural	30,270	417	13.78	15.57	403	13.31	13.58	6	14.39	14	32.63
Rhondda M.B.		98,530	1,591	16.15	16.63	1,383	14.04	16.01	39	24.51	60	36.88





Causes of Death According to Registrar General's Report:

	<u>Male</u>	<u>Female</u>
All Causes:	145	126
Measles.....	5	1
Malignant Neoplasm, Stomach.....	4	4
Malignant Neoplasm, Lungs, Bronchus.....	14	1
Malignant Neoplasm, Breast.....	-	7
Malignant Neoplasm, Uterus.....	-	2
Other Malignant and Lymphatic Neoplasms.....	14	12
Leukaemia, Aleukemia.....	2	-
Vascular Lesions of Nervous System.....	18	25
Coronary Disease, Angina.....	33	22
Hypertension with Heart Disease.....	2	4
Other Heart Disease.....	7	14
Other Circulatory Diseases.....	6	10
Pneumonia.....	9	4
Bronchitis.....	13	3
Other Diseases of Respiratory System.....	4	2
Ulcer of Stomach and Duodenum.....	-	1
Gastritis, Enteritis and Diarrhoea.....	1	-
Nephritis and Nephrosis.....	3	1
Congenital Malformations.....	2	2
Other Defined and Ill-defined Diseases.....	6	10
Motor-vehicle accidents.....	2	-
All other accidents.....	4	-
Suicide.....	1	1

4. INFECTIOUS DISEASESNew Notifications of Tuberculosis in each Ward

	<u>Pulmonary</u>		<u>Non-pulmonary</u>		<u>Total</u>	
	M.	F.	M.	F.	M.	F.
Tonyrefail Ward	2	-	-	1	2	1
Gilfach Goch Ward	2	1	-	-	2	1
Town Ward	2	-	-	-	2	-
Llantwit Fardre Parish	1	-	-	1	1	1
	7	1	-	2	7	3

New cases of Tuberculosis in Age Groups

<u>Age</u>	<u>Respiratory</u>		<u>Non-Respiratory</u>	
	M.	F.	M.	F.
Under 1 year	-	-	-	-
1 - 4 years	-	-	-	-
5 - 14 years	1	-	-	-
15 - 24 years	-	1	-	-
25 - 44 years	-	-	-	1
45 - 64 years	1	-	-	-
65 years and over	-	-	-	1
	7	1	-	2

The number on the register at the end of the year was:

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Pulmonary	94	95	189
Non pulmonary	18	14	32
	112	109	221

There were no deaths due to pulmonary tuberculosis in 1965 compared with 2 in 1964 and also there were no deaths from other forms of Tuberculosis. There were 16 admissions to hospital for treatment during the year.

The number of new cases of tuberculosis notified during the year was 10 against 8 for 1964.

Infectious diseases (other than Tuberculosis) in age groups:

	Scarlet Fever	Whooping Cough	Measles	Dysentery	Acute Menning- occocal Infection
Under 1 year	-	-	4	-	1
1 year	2	1	12	1	-
2 years	-	-	21	2	-
3 years	2	1	26	3	-
4 years	3	-	17	2	-
5 - 9 years	10	-	49	1	-
10 - 14 years	2	-	3	1	-
15 - 24 years	-	-	3	-	-
25 years and over	-	-	-	8	-
Age unknown	1	-	4	-	-
	20	2	139	18	1

	Pneumonia	Food Poisoning	Puerperal Pyrexia	Acute Infective Encephalitis
Under 5 years	1	-	-	-
5 - 14 years	-	-	-	-
15 - 44 years	-	-	6	1
45 - 64 years	-	-	-	-
65 and over	-	1	-	-
Age unknown	-	-	-	-
	1	1	6	1

## Prevalence and control of Infectious and other Diseases

The duties are carried out under this Authority but the County Medical Officer of Health, through his Divisional Medical Officer for the area must be informed within 48 hours of all notifiable diseases occurring in this district for which a fee is paid by the County Council.

The number of cases notified during the year was 169 compared with 304 for 1964.

### Number of cases of Infectious Diseases admitted to hospital, with numbers of corrected notifications.

	<u>Number of Corrected Notifications</u>	<u>Number Admitted to hospital</u>	<u>Total Deaths</u>
Pneumonia	1	-	-
Puerperal Pyrexia	6	6	-
Scarlet Fever	20	1	-
Whooping Cough	2	1	-
Measles	159	4	1
Food Poisoning	1	1	-
Dysentery	18	5	-
Tuberculosis	10	-	-
Encephalitis	1	1	-
C.S.M.	1	1	-
	<u>169</u>	<u>20</u>	<u>1</u>

## 5. HOSPITALS

The hospitals which serve the area are:

- (a) General:
- (i) East Glamorgan Hospital, Church Village
  - (ii) Llwynypia Hospital
  - (iii) Cardiff Royal Infirmary
  - (iv) St. David's Hospital, Cardiff
  - (v) Bridgend General Hospital
  - (vi) Llandough Hospital
  - (vii) Whitchurch Hospital (also partly special)
  - (viii) Greig Hospital, Pontypridd.
  - (ix) Subsidiary Hospitals such as Pontypridd Cottage, Rookwood, Treherbert and Fentwyn.
  - (x) Rhiwfolin Hospital which is now used as an Annexe for the Greig Hospital, Pontypridd, for the aged, chronic sick and epileptic patients.
  - (xi) Tonteg and Glancly Hospitals: Chest patients and geriatric patients.

- (1) Infectious Diseases: Usually patients are sent to Tyntyl Hospital, Ystrad, or to Lansdowne Hospital, Cardiff.
  - (c) Mental: Usually Morgenswg, Penyfal, Glanrhyd and Parc, Whitechurch, and Llanfyll.
  - (d) Tuberculosis: Any tuberculosis hospital in Wales, usually Tyntyl or Sully.
  - (e) Orthopaedic: Rhyl, Gars.
  - (f) Internit: Tyntyl and General Hospitals' Internit Units
  - (g) Burns and Plastic Surgery Unit: St. Vincent's Hospital, Gwent.
6. AMBULANCE SERVICES:

The Ambulance Service is administered by the Glamorgan County Council.

In this area the main station is at Rhydydd (Llanfyll) and Pontypridd 344/7 and Pontypridd 332/3.

The Ambulance Service at Rhydydd is now manned by five drivers providing active cover for the area.

Transport is still provided with a fleet of old cars, thereby a driver can be called out at short notice for the need arises.

The re-organisation of the service means that though the number of stations is diminished by one, the staff and cover for the area has increased.

All ambulances in the County of Glamorgan are in radio contact with the Control Station.

## 7. PARTIALLY SUB-NORMAL PERSONS

There are 11 sub-normal and 11 severely sub-normal persons in this district as compared with 18 sub-normal and 25 severely-sub-normal last year.

## 8. REGISTERED BLIND PERSONS

In 1964 there were 51 registered blind persons in this area and 25 partially sighted; in 1965 the numbers registered are now 62 blind persons and 29 partially sighted persons in this area.



## 9. HOUSING ACTS:

## 10. CONSTRUCTIVE ALTERNATIVES

Private, 50 in volume

## 11. CONTROL

## 12. LABORATORY SERVICES.

All laboratory examinations necessary for the Public Health Service are carried out at the Cardiff and County Public Health Laboratories. These are :-

- (a) Bacteriological and Chemical Examinations in relation to the control of infectious and contagious diseases.
- (b) Bacteriological and/or Chemical examinations of
  - (i) Milk
  - (ii) Drinking Water
  - (iii) Ice Cream
- (c) Any other examinations which may be deemed necessary such as examinations of foodstuffs other than milk.
- (d) Examinations connected with atmospheric pollution and radioactivity of rainwater and drinking water.
- (e) Examination of sewage samples.

## 13. LICENCES.

The following licences were issued during 1965.

Icecream Manufacturers.....	5
Premises licensed to sell prepacked icecream.....	143
Slaughtermen.....	6
Slaughterhouses.....	3
Manufacturers of Preserved Food.....	9
Fireworks Licences.....	43
Explosive Stores Licences.....	4
Petroleum Acts and Regulations.....	62
Cinemas.....	4
Scrap Metal Dealers.....	6

## 14. ATMOSPHERIC POLLUTION.

The measurement of atmospheric pollution continued at Talbot Green and the Clinic Church Village. Results show the pollution remains at a generally low level and details of monthly readings together with the monthly mean temperature and rain fall is given over leaf.

DATE	DAILY SICKLE FILTER /gms.Cu. <sup>2</sup>	TITRATION Average SC <sub>2</sub> mg. Per day.	DEPOSIT Gauge Tons Per sq. Mile	LEAD DIOXIDE Instrument mg. 307.	LEAD DIOXIDE Instrument mg. 307 per day	MEAN MONTHLY TEMPERATURE OF	RAINFALL in Inches.
1965							
JANUARY	52.45	99.12	30.00	0.72	0.67	39.90°F	6.63
FEBRUARY	56.29	61.62	*	0.74	0.38	39.50°F	*
MARCH	50.23	40.43	15.17	0.82	0.95	45.08°F	2.95
APRIL	27.14	25.38	16.94	0.40	0.46	48.73°F	4.99
MAY	12.22	16.34	9.27	0.33	0.43	55.02°F	2.45
JUNE	9.8	29.96	17.37	0.36	0.58	58.81°F	5.51
JULY	9.39	21.56	21.00	0.33	0.36	59.65°F	9.25
AUGUST	10.03	14.86	8.64	0.21	0.20	60.60	3.30
SEPTEMBER	20.04	7.86	10.70	0.32	0.30	53.67°F	4.84
OCTOBER	41.90	84.89	13.30	0.64	0.65	54.52°F	1.38
NOVEMBER	33.30	69.80	*	0.62	0.79	42.35°F	*
DECEMBER	24.61	32.32	22.17	0.47	0.51	43.05°F	7.47

\*apparatus tampered with



15. RECORD OF INSPECTIONS BY PUBLIC HEALTH INSPECTORS

Housing: 1st visits .....	552
Revisits .....	876
Tents and Vans .....	168
Dairies etc .....	15
Shops and Warehouses .....	310
Food Preparing Premises .....	3
Factories .....	48
Bakeries .....	-
Rodent Infestation .....	24
Vermin Infestation .....	29
Infectious diseases .....	59
Drainage etc .....	257
Water supply .....	19
Food Inspection .....	52
Miscellaneous (including other duties) .....	1572
Food Hygiene Byelaw enforcement .....	59
Council House Inspection .....	514
Clean Air Act .....	500
Shops, Offices and Railway Premises, etc .....	242
Refuse Disposal.....	96
Meat Insp ction .....	796
	<u>6171</u>

16. WATER SUPPLY

The total consumption of water in 196<sup>e</sup> was 594,957,000 gallons compared with 559,548,000 in 1974.

A total of 34 bacteriological examinations were taken at various points in the district from the piped supply with the following results :-

Source of Supply...	Number of Samples taken	Number of unsatis- factory results
Taf Fechan .....	25	4
Lanilid .....	13	3
Maendy .....	-	-
Fair View .....	9	2
Penybryn .....	-	-
Pontypridd & Rhondda J.W.B. ....	24	2
Spring water .....	2	-
New Storage Tank Ilantri- sant .....	-	-
	<u>73</u>	<u>11</u>

16. WATER SUPPLY (contd.)

The following is a report on a sample of water taken from the P.&R.J.L.P supply submitted for Chemical Analysis, showing traces of manganese. During 1965 no lead was found in any sample of water taken for chemical analysis.

Appearance in two foot tube	Very pale green, Clear.
Colour (Burgess Scale) Units:	12
Reaction, pH value	5.4
Total Hardness	26
Chlorides (expressed as Cl)	14
Nitrates (expressed as N)	0.1
Nitrites (expressed as N)	0.002
Ammoniacal Nitrogen	0.006
Albuminoid Nitrogen	0.010
Metals - Manganese	0.05
Residual Chlorine	0.01
Volume of Sediment	0.5
Microscopical Examination of Sediment	Nil
	Amorphous debris. Diatoms
	Protozoa.

REMARKS. A clear, soft acid water of good organic quality containing a trace of manganese in solution. This water would have a corrosive action on certain metals and should not be left in contact with lead pipes.

Following each case of an unsatisfactory bacteriological report, simple measures such as flushing the mains or a storage tank together with chlorination resulted in the follow-up samples being reported upon as satisfactory.

The number of houses and the population supplied from public water mains is shown in the following table :-

<u>Parish</u>	<u>Direct to house</u>		<u>By Stand-pipe</u>	
	<u>Estimated</u>	<u>Approx No.</u>	<u>Estimated approx. no</u>	<u>Population of houses</u>
	<u>Population of houses</u>			
Llantrisant	23,424	6,534	Nil	Nil
Llantwit Fardre	5,146	1,844	Nil	Nil

Approximately 61 houses are without a mains supply of water.

During the year under review, the water supply of the district has been adequate in quantity and analysis reports would indicate that on the whole the quality is pure and wholesome for drinking.

17. EXAMINATION OF MILK SAMPLES.

The following samples of milk were submitted to the Public Health Laboratory at Cardiff for bacteriological examination:-

	<u>Satisfactory</u>	<u>Unsatisfactory</u>	<u>Total</u>
Homogenised	4	-	4
Pasteurised	39	-	39
Sterilised	4	3	7
T.T.Pasteurised	13	1	14
T.T. (Raw)	14	-	14
	<u>74</u>	<u>4</u>	<u>78</u>

18. MANUFACTURE, STORAGE AND SALE OF ICE CREAM.

There were no new applications for the registration of premises for the sale of prepacked ice cream during the year. There are now 143 premises registered for the sale of ice cream in this area; 5 are licensed for the manufacture and sale of ice cream.

Although some of the 65 samples of ice cream taken for analysis were made locally, the majority were produced by the large nationally known ice cream manufacturers.

In general, samples in Grades I and II can be regarded as satisfactory. The following table shows the results of analysis, and refers to the keeping quality of the ice cream.

Grade I	Grade II	Grade III	Grade IV
Satisfactory	Fair	Unsatisfactory	Very Unsatisfactory
63	1	-	1

In the case of the unsatisfactory reports, efforts were made to trace and rectify the cause and further samples taken.

19. RAINFALL.

During 1965 the rainfall recorded at the Duffryn Sewage works, Tonyrefail amounted to 66.45 inches compared with 46.20 inches in 1964. At Talbot Green, rainfall on the Magistrate's Court Roof was recorded as 48.77 inches compared with 45.41 inches in 1964.

20. HOUSING REPAIRS.

During the year 31 houses were repaired as a result of informal action; 31 as a result of service of formal notices. There was one application for a Certificate of Disrepair during 1965.

21. CLOSET CONVERSIONS.

Conversions have been completed by installing flushing apparatus in 8 closets during the year, bringing the total to 258 water closet conversions for which grants have been paid by the Council since 1953 when the scheme commenced.

22. FOOD INSPECTION.

A total of 180 samples of foodstuffs were taken by the County Public Health Inspectors in the Llanttrisant and Llantwit Fardre Rural District during the year under review, under the Food and Drugs Act 1955.

The following list of foodstuffs inspected and voluntarily surrendered was found to be unfit for human consumption and was disposed of by burning or burying at one of the Council's refuse tips:-

Wet Fish.....	1 lb.
Tinned soup.....	11 lbs.
Tinned meat.....	608 lbs. 3 ozs.
Tinned fruit.....	451 lbs. 3 ozs.
Tinned vegetables.....	60 lbs. 14 ozs.
Tinned Tomatoes.....	225 lbs. 1 oz.
Tinned Fish.....	10 lbs. 3 ozs.
Cheese.....	8 lbs. 8 ozs.
Tinned Milk.....	11 lbs. 8 ozs.
Miscellaneous Tinned Foods.....	102 lbs. 11 ozs.
Frozen Chicken.....	19 lbs.
Lentils.....	1,3 <sup>1</sup> / <sub>4</sub> lbs.
Rice.....	366 lbs.
Boxes of Biscuits.....	91 lbs.
Flour.....	3 lbs.
	<hr/>
	3,293 lbs. 13 ozs.
	<hr/>

23. MEAT INSPECTION

Carcases and Offal inspected and condemned  
in whole or in part

	Cattle (except cows)	Cows	Calves	Sheep & Pigs Lambs		
Number killed (if known)	200	1	3	1596	2811	
	3 *			15	* 6	*
Number inspected	200	1	3	1596	2811	
	3 *			15	* 6	*
<u>All diseases except</u>						
<u>Tuberculosis and Cysticerci</u>						
Whole carcasses condemned	-	-	-	3	1	
Carcases of which some part or organ was condemned	65	-	-	337	294	
Percentage of the number inspected affected with disease other than tuber- culosis and cysticerci.	32.02%	-	-	21.10%	10.47%	
<u>Tuberculosis only</u>						
Whole carcasses condemned	-	-	-	-	-	
Carcases of which some part or organ was condemned	-	-	-	-	17	
Percentage of the number inspected affected with tuberculosis	-	-	-	-	0.60%	
<u>Cysticercosis</u>						
Carcases of which some part or organ was condemned	-	-	-	-	-	
Cases submitted to treatment by refrigeration	-	-	-	-	-	
Generalized and totally con- demned	-	-	-	-	-	

\* Inspected at Llanharan Slaughterhouse for Cowbridge Rural District Council



CONDEMNATIONS:-	Pig Carcasses .....	624 lbs	
	Ox carcasses .....	50 lbs.	
	Sheep carcasses .....	120 lbs	
	Ox livers .....	264 lbs	20 lbs*
	Sheep livers .....	312 lbs	3 lbs*
	Pigs livers .....	312 lbs	3 lbs*
	Pigs Hearts .....	43 lbs	
	Pigs Heads .....	160 lbs	
	Lambs Liver .....	152 lbs	
	Ox Lung .....	12 lbs	
	Pig Lung .....	103 lbs	
	Sheeps Hearts .....	3 lbs	

#### 24. SEWAGE DISPOSAL AND SANITATION.

The following are results of examination of samples of sewage effluent taken by the Glamorgan River Board during the year. The Surveyor, as Chief Officer in charge of the sewage works, is notified of unsatisfactory samples and takes the appropriate action.

	<u>Number of Samples</u>	<u>Satisfactory</u>	<u>Unsatisfactory</u>
Rhiwsaeson	8	8	-
Duffryn	11	11	-
Niskin	6	-	6

Results of routine sampling of sewage, effluents and trade effluents by Public Health Inspectors are given below:-

<u>Type</u>	<u>Number of Samples</u>	<u>Report</u>
Final Effluents	3	3 - Unsatisfactory 0 - Satisfactory 0 - Fairly satisfactory
Trade Effluents	7	4 - Unsatisfactory 2 - Fair 1 - Satisfactory
Crude Sewage (Sewage Disposal Works)	2	1 - Fair 1 - Unsatisfactory
Detritus Tank	1	1 - Fair
Septic Tank	1	1 - Fair
Humus Tank	1	1 - Fair

25. FACTORIES ACT, 1961.Part 1

1. Inspections for purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of Inspections (3)	Number of Written Notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sec 1,2,3,4 and 5 are to be enforced by L.A.	20	6	-	-
(ii) Factories not included in (i) in which Sec.7 is enforced by Local Authorities	106	40	-	-
(iii) Other premises in which Sec.7 is enforced by Local Authority (excluding out-workers premises)	-	-	-	-
<b>Total.</b>	<b>126</b>	<b>46</b>	<b>-</b>	<b>-</b>

2. Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more cases).

Particulars (1)	No. of cases in which defects found				No of cases in which pro- secutions were instituted (6)
	Found (2)	Remedied (3)	Referred to M.L. Inspector (4)	By M.L. Inspector (5)	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Conveniences (S.7)					
(a) insufficient	-	-	-	-	-
(b) Unsuitable or defective	3	3	-	2	-
(c) Not separate for sexes.	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
<b>Total</b>	<b>3</b>	<b>3</b>	<b>-</b>	<b>2</b>	<b>-</b>

Part VIII Factories Act, 1961.

Nature of Work  (1)	Section 133.		Section 134.			
	No. of outworkers in August list required by Sec. 133 (1) (c)	No. of cases of default in sending lists to Council (3)	No. of prosecut- ions for failure to supply lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prosecu- tions (7)
Wearing) Making apparel) etc ) Cleaning	125					
Household linen						
Lace, lace curtains & nets.						
Curtains and furniture hangings						
and other various						
TOTAL:	125	-	-	-	-	-





